Frequency Mixer ZX05-73L+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB) @LO (dBm)		
		+1	+4	+7
1500.0	1530.0	26.23	18.42	11.31
1680.0	1710.0	19.61	13.80	8.95
1860.0	1890.0	15.55	10.96	8.04
2040.0	2070.0	12.56	9.14	7.43
2220.0	2250.0	8.92	7.41	6.56
2400.0	2430.0	7.53	6.81	6.38
2580.0	2610.0	7.14	6.64	6.45
2760.0	2790.0	7.20	6.60	6.32
2940.0	2970.0	7.12	6.53	6.26
3120.0	3150.0	7.07	6.41	6.10
3300.0	3330.0	7.00	6.39	6.06
3480.0	3510.0	7.04	6.42	6.06
3660.0	3690.0	6.87	6.27	6.00
3840.0	3870.0	6.75	6.33	6.12
4020.0	4050.0	6.70	6.29	6.09
4200.0	4230.0	6.95	6.43	6.14
4380.0	4410.0	6.72	6.26	6.00
4560.0	4590.0	6.48	6.02	5.78
4740.0	4770.0	6.85	6.32	6.03
4920.0	4950.0	7.46	6.70	6.24
5100.0	5130.0	7.22	6.50	6.11
5280.0	5310.0	7.00	6.14	5.78
5460.0	5490.0	7.11	6.08	5.60
5640.0	5670.0	7.03	6.05	5.56
5820.0	5850.0	6.97	5.95	5.55
6000.0	6030.0	7.03	5.91	5.43
6180.0	6210.0	6.73	5.86	5.47
6360.0	6390.0	6.69	5.91	5.57
6520.0	6550.0	6.80	6.03	5.66
6700.0	6730.0	6.58	5.98	5.67
6860.0	6890.0	6.44	5.84	5.60
7040.0	7070.0	6.40	5.81	5.62
7200.0	7230.0	6.25	5.67	5.43
7380.0	7410.0	6.38	5.71	5.45
7540.0	7570.0	7.39	6.48	5.98
7720.0	7750.0	7.72	6.62	6.04
7880.0	7910.0	8.29	6.74	6.17
8060.0	8090.0	8.76	7.42	6.61
8220.0	8250.0	9.53	8.61	8.13
8400.0	8430.0	14.26	12.01	11.29

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm) @LO (dBm)		
		+1	+4	+7
1500.0	1530.0	-10.71	-6.59	1.16
1680.0	1710.0	-8.42	-4.38	0.25
1860.0	1890.0	-5.23	-1.85	3.17
2040.0	2070.0	-2.16	3.33	9.31
2220.0	2250.0	4.98	7.83	11.00
2400.0	2430.0	9.71	9.67	10.60
2580.0	2610.0	16.16	10.40	9.85
2760.0	2790.0	13.41	10.85	11.32
2940.0	2970.0	10.38	14.70	11.78
3120.0	3150.0	15.51	15.77	14.94
3300.0	3330.0	19.91	16.13	14.82
3480.0	3510.0	13.33	10.51	10.73
3660.0	3690.0	8.85	10.13	12.53
3840.0	3870.0	10.02	13.96	17.16
4020.0	4050.0	12.74	17.17	20.91
4200.0	4230.0	11.31	11.55	12.81
4380.0	4410.0	11.14	14.56	13.46
4560.0	4590.0	12.45	14.19	14.53
4740.0	4770.0	11.78	12.87	13.46
4920.0	4950.0	12.24	11.33	10.60
5100.0	5130.0	8.16	9.01	9.45
5280.0	5310.0	6.68	8.16	9.42
5460.0	5490.0	5.87	6.97	8.93
5640.0	5670.0	5.57	6.88	8.20
5820.0	5850.0	7.82	7.48	8.22
6000.0	6030.0	6.83	8.35	8.63
6180.0	6210.0	7.61	9.40	9.71
6360.0	6390.0	9.89	11.69	11.63
6520.0	6550.0	8.86	10.30	10.97
6700.0	6730.0	8.17	9.74	11.13
6860.0	6890.0	9.19	12.73	14.41
7040.0	7070.0	9.81	11.08	12.21
7200.0	7230.0	10.14	10.32	11.61
7380.0	7410.0	10.69	12.51	11.79
7540.0	7570.0	20.31	15.26	12.53
7720.0	7750.0	6.91	8.96	9.44
7880.0	7910.0	4.84	7.52	8.43
8060.0	8090.0	3.37	4.62	5.69
8220.0	8250.0	0.16	2.09	6.79
8400.0	8430.0	-1.09	4.61	11.10

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+1dBm (dB) @LO (dBm)		
		+1	+4	+7
1500.0	1530.0	-7.98	-3.12	1.06
1680.0	1710.0	-2.76	0.12	2.04
1860.0	1890.0	-0.03	1.46	1.81
2040.0	2070.0	0.02	1.34	1.57
2220.0	2250.0	1.71	1.79	1.58
2400.0	2430.0	1.93	1.57	1.25
2580.0	2610.0	1.49	1.09	0.87
2760.0	2790.0	1.06	0.74	0.65
2940.0	2970.0	1.04	0.74	0.56
3120.0	3150.0	0.92	0.61	0.47
3300.0	3330.0	0.84	0.58	0.45
3480.0	3510.0	0.87	0.63	0.45
3660.0	3690.0	1.06	0.57	0.27
3840.0	3870.0	1.09	0.46	0.23
4020.0	4050.0	1.08	0.48	0.27
4200.0	4230.0	1.06	0.65	0.40
4380.0	4410.0	0.93	0.63	0.47
4560.0	4590.0	0.99	0.61	0.41
4740.0	4770.0	1.15	0.73	0.50
4920.0	4950.0	1.28	0.97	0.78
5100.0	5130.0	1.41	1.16	0.94
5280.0	5310.0	1.39	1.21	1.06
5460.0	5490.0	1.61	1.22	1.03
5640.0	5670.0	1.73	1.16	0.94
5820.0	5850.0	1.82	1.16	0.91
6000.0	6030.0	1.33	0.85	0.69
6180.0	6210.0	1.34	0.81	0.63
6360.0	6390.0	1.25	0.75	0.58
6520.0	6550.0	1.23	0.77	0.64
6700.0	6730.0	1.12	0.71	0.63
6860.0	6890.0	1.16	0.71	0.56
7040.0	7070.0	1.28	0.71	0.54
7200.0	7230.0	1.23	0.71	0.49
7380.0	7410.0	1.53	0.82	0.52
7540.0	7570.0	1.42	1.07	0.94
7720.0	7750.0	1.85	1.46	1.50
7880.0	7910.0	2.18	1.69	1.64
8060.0	8090.0	2.50	1.81	1.72
8220.0	8250.0	3.59	2.28	1.46
8400.0	8430.0	1.13	1.27	0.52

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=4700MHz (dB) @LO (dBm) +4
2900.0	1800.0	17.64
2754.6	1945.4	11.73
2609.2	2090.8	9.16
2463.8	2236.2	7.36
2318.4	2381.6	6.72
2173.0	2527.0	6.64
2027.5	2672.5	7.06
1882.1	2817.9	7.70
1736.7	2963.3	8.00
1591.3	3108.7	8.60
1445.9	3254.1	9.10
1300.5	3399.5	8.70
1155.1	3544.9	8.38
1009.7	3690.3	7.68
864.3	3835.7	7.33
718.9	3981.1	6.75
573.5	4126.5	6.02
428.1	4271.9	5.64
282.6	4417.4	5.69
137.2	4562.8	6.03
10.0	4710.0	6.48
184.5	4884.5	6.61
359.0	5059.0	7.21
533.5	5233.5	7.46
708.0	5408.0	7.92
904.3	5604.3	8.17
1078.8	5778.8	8.47
1275.1	5975.1	8.73
1449.6	6149.6	9.10
1645.9	6345.9	9.39
1820.4	6520.4	9.52
2016.7	6716.8	9.48
2191.3	6891.3	8.91
2387.6	7087.6	8.47
2562.1	7262.1	8.35
2758.4	7458.4	8.22
2932.9	7632.9	8.05
3129.2	7829.2	8.13
3303.7	8003.7	9.35
3500.0	8200.0	12.78

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2390MHz (dB) @LO (dBm) +4
10.0	2400.0	7.13
110.0	2500.0	6.81
210.0	2600.0	6.60
310.0	2700.0	6.38
410.0	2800.0	6.28
510.0	2900.0	6.15
610.0	3000.0	6.02
710.0	3100.0	5.96
810.0	3200.0	6.05
910.0	3300.0	6.38
1010.0	3400.0	6.81
1110.0	3500.0	7.19
1210.0	3600.0	7.21
1310.0	3700.0	7.21
1410.0	3800.0	7.49
1510.0	3900.0	7.66
1610.0	4000.0	7.56
1710.0	4100.0	7.43
1810.0	4200.0	7.54
1910.0	4300.0	7.61
2010.0	4400.0	7.72
2110.0	4500.0	7.88
2210.0	4600.0	7.92
2310.0	4700.0	8.04
2410.0	4800.0	8.20
2510.0	4900.0	8.45
2610.0	5000.0	8.62
2710.0	5100.0	8.61
2810.0	5200.0	8.54
2910.0	5300.0	8.51
2990.0	5380.0	8.61
3090.0	5480.0	8.47
3170.0	5560.0	8.63
3270.0	5660.0	8.78
3350.0	5740.0	8.63
3450.0	5840.0	8.55
3530.0	5920.0	8.63
3630.0	6020.0	9.07
3710.0	6100.0	9.51
3810.0	6200.0	10.30

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=7010MHz (dB) @LO (dBm) +4
3710.0	3300.0	10.53
3610.0	3400.0	9.60
3510.0	3500.0	8.99
3410.0	3600.0	8.52
3310.0	3700.0	8.15
3210.0	3800.0	7.95
3110.0	3900.0	7.83
3010.0	4000.0	7.63
2910.0	4100.0	7.62
2810.0	4200.0	7.73
2710.0	4300.0	7.96
2610.0	4400.0	8.11
2510.0	4500.0	8.38
2410.0	4600.0	8.32
2310.0	4700.0	8.12
2210.0	4800.0	7.86
2110.0	4900.0	7.82
2010.0	5000.0	7.88
1910.0	5100.0	7.80
1810.0	5200.0	7.77
1730.0	5280.0	7.78
1630.0	5380.0	7.91
1550.0	5460.0	7.90
1450.0	5560.0	7.74
1370.0	5640.0	7.55
1270.0	5740.0	7.35
1190.0	5820.0	7.18
1090.0	5920.0	7.14
1010.0	6000.0	7.03
910.0	6100.0	6.93
830.0	6180.0	6.88
730.0	6280.0	6.61
650.0	6360.0	6.47
550.0	6460.0	6.26
470.0	6540.0	6.15
370.0	6640.0	6.01
290.0	6720.0	5.86
190.0	6820.0	5.77
110.0	6900.0	5.77
10.0	7000.0	6.00

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB) @LO (dBm)			LO-IF ISOLATION (dB) @LO (dBm)		
	+1	+4	+7	+1	+4	+7
1530.0	48.70	51.08	44.37	21.99	22.04	22.26
1710.0	45.59	47.46	42.82	19.91	20.03	20.42
1890.0	41.42	38.37	33.88	17.91	18.13	19.20
2070.0	36.45	33.45	32.28	16.24	17.28	19.20
2250.0	35.30	34.96	35.08	15.78	17.74	20.01
2430.0	36.16	37.19	37.46	16.42	18.86	21.33
2610.0	35.85	36.89	36.01	17.60	20.25	22.52
2790.0	34.05	32.88	31.70	19.36	22.00	23.35
2970.0	32.83	31.54	29.86	20.59	22.88	23.90
3150.0	32.74	30.73	28.85	22.56	24.42	24.03
3330.0	32.67	30.63	29.10	26.08	26.60	25.18
3510.0	32.19	30.71	29.07	30.23	27.68	24.95
3690.0	32.11	30.65	29.05	32.63	28.48	25.90
3870.0	32.55	31.08	29.71	33.24	30.64	28.79
4050.0	32.37	31.09	29.96	30.78	31.61	32.16
4230.0	29.56	29.07	28.54	27.65	28.53	29.14
4410.0	28.31	28.13	27.57	23.92	22.97	22.11
4590.0	27.25	26.73	26.47	19.19	17.98	17.38
4750.0	27.35	27.05	26.58	16.30	15.61	14.93
4930.0	26.81	26.30	26.09	14.82	14.36	14.13
5090.0	26.05	25.52	25.20	14.61	14.52	14.45
5270.0	25.02	24.55	24.28	14.86	15.03	15.19
5430.0	24.56	23.92	23.23	15.42	15.93	16.13
5610.0	24.49	23.41	22.45	16.43	17.05	17.50
5770.0	24.19	23.16	21.74	17.30	18.28	18.97
5950.0	23.40	22.25	21.19	18.66	19.82	21.01
6110.0	22.69	21.45	20.24	20.36	21.83	23.42
6290.0	21.82	20.73	19.57	22.51	24.30	26.56
6450.0	21.03	20.25	19.25	24.62	25.44	26.43
6630.0	20.05	19.71	18.82	27.64	26.63	25.64
6790.0	19.35	19.42	18.91	28.30	26.63	25.56
6970.0	18.47	18.84	18.87	26.69	26.76	26.92
7130.0	17.38	17.99	18.07	25.17	26.11	26.68
7310.0	17.07	17.79	17.98	23.01	23.38	23.14
7470.0	17.14	18.02	18.75	20.29	20.24	20.11
7650.0	17.09	17.90	18.70	18.30	18.24	18.45
7810.0	16.89	17.68	18.45	17.53	16.67	16.81
7990.0	17.72	18.27	19.07	14.62	12.65	12.57
8150.0	19.34	19.99	20.80	11.53	9.99	9.62
8330.0	22.00	22.09	21.81	8.80	8.24	8.05

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB) @LO (dBm)		
		+1	+4	+7
1500.0	1530.0	21.29	22.33	27.77
1680.0	1710.0	20.28	20.86	19.61
1860.0	1890.0	19.77	16.73	12.11
2040.0	2070.0	17.47	12.99	11.01
2220.0	2250.0	15.88	13.06	11.77
2400.0	2430.0	17.02	15.22	14.23
2580.0	2610.0	19.14	18.14	17.65
2760.0	2790.0	20.71	19.67	19.20
2940.0	2970.0	21.17	20.86	20.57
3120.0	3150.0	21.68	21.63	21.47
3300.0	3330.0	21.43	21.23	20.98
3480.0	3510.0	20.78	20.49	19.97
3660.0	3690.0	20.77	20.46	20.03
3840.0	3870.0	20.92	20.68	20.49
4020.0	4050.0	21.26	20.93	20.69
4200.0	4230.0	23.59	23.27	22.93
4380.0	4410.0	27.92	27.37	26.72
4560.0	4590.0	31.13	30.20	29.49
4720.0	4750.0	38.33	37.59	37.15
4900.0	4930.0	32.16	31.77	31.28
5060.0	5090.0	28.71	28.47	28.30
5240.0	5270.0	25.87	25.45	25.27
5400.0	5430.0	24.36	23.97	23.64
5580.0	5610.0	23.61	23.01	22.65
5740.0	5770.0	23.48	22.60	22.21
5920.0	5950.0	24.60	23.09	22.00
6080.0	6110.0	24.39	23.39	22.45
6260.0	6290.0	24.13	22.54	21.49
6420.0	6450.0	26.55	24.13	22.27
6600.0	6630.0	29.11	27.35	25.82
6760.0	6790.0	31.15	28.51	26.85
6940.0	6970.0	34.32	31.36	29.94
7100.0	7130.0	43.17	41.03	38.33
7280.0	7310.0	35.07	36.98	40.47
7440.0	7470.0	58.34	35.77	31.28
7620.0	7650.0	25.68	25.84	26.68
7780.0	7810.0	26.04	28.06	30.61
7960.0	7990.0	23.60	26.63	31.26
8120.0	8150.0	21.90	22.76	28.41
8300.0	8330.0	21.58	25.42	30.17

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1) @LO (dBm) +1	RF VSWR (:1) @LO (dBm) +4	RF VSWR (:1) @LO (dBm) +7
1500.0	1530.0	9.79	6.78	3.76
1680.0	1710.0	5.91	3.94	2.51
1860.0	1890.0	4.41	2.87	1.88
2040.0	2070.0	3.99	2.59	2.01
2220.0	2250.0	3.35	2.69	2.34
2400.0	2430.0	3.31	3.02	2.84
2580.0	2610.0	3.29	3.07	3.00
2760.0	2790.0	3.48	3.13	2.97
2940.0	2970.0	3.71	3.30	3.04
3120.0	3150.0	3.87	3.39	3.07
3300.0	3330.0	3.94	3.45	3.11
3480.0	3510.0	3.37	2.87	2.49
3660.0	3690.0	2.95	2.52	2.27
3840.0	3870.0	2.96	2.65	2.44
4020.0	4050.0	2.97	2.66	2.46
4200.0	4230.0	3.43	3.07	2.82
4380.0	4410.0	3.31	2.92	2.64
4560.0	4590.0	2.77	2.44	2.21
4720.0	4750.0	3.13	2.80	2.57
4900.0	4930.0	3.49	3.13	2.86
5060.0	5090.0	3.52	3.13	2.87
5240.0	5270.0	3.25	2.83	2.58
5400.0	5430.0	3.05	2.60	2.35
5580.0	5610.0	2.86	2.42	2.17
5740.0	5770.0	2.82	2.35	2.08
5920.0	5950.0	3.00	2.42	2.09
6080.0	6110.0	2.61	2.19	1.89
6260.0	6290.0	2.63	2.25	1.97
6420.0	6450.0	2.48	2.13	1.87
6600.0	6630.0	2.63	2.30	2.05
6760.0	6790.0	2.34	2.05	1.87
6940.0	6970.0	2.17	1.86	1.71
7100.0	7130.0	2.29	2.02	1.90
7280.0	7310.0	2.06	1.77	1.59
7440.0	7470.0	2.11	1.75	1.51
7620.0	7650.0	2.47	2.13	1.87
7780.0	7810.0	2.97	2.54	2.26
7960.0	7990.0	2.74	2.32	2.09
8120.0	8150.0	2.93	2.46	2.01
8300.0	8330.0	3.03	2.42	2.36

LO (MHz)	LO VSWR (:1) @LO (dBm) +1	LO VSWR (:1) @LO (dBm) +4	LO VSWR (:1) @LO (dBm) +7
1530.0	30.49	29.96	26.74
1710.0	25.56	24.83	20.70
1890.0	20.70	17.75	11.53
2070.0	13.60	8.51	6.11
2250.0	6.42	4.44	4.07
2430.0	3.54	2.78	2.86
2610.0	2.53	2.03	2.23
2790.0	2.34	1.78	1.94
2970.0	2.45	1.84	1.93
3150.0	2.47	1.90	2.02
3330.0	2.40	1.99	2.19
3510.0	2.39	2.17	2.40
3690.0	2.32	2.11	2.37
3870.0	1.95	1.94	2.36
4050.0	1.61	1.88	2.45
4230.0	1.37	1.84	2.52
4410.0	1.32	1.91	2.63
4590.0	1.44	1.98	2.66
4750.0	1.64	2.02	2.61
4930.0	2.01	2.21	2.67
5090.0	2.36	2.37	2.74
5270.0	2.92	2.59	2.73
5430.0	3.46	2.86	2.83
5610.0	4.02	3.05	2.79
5770.0	4.52	3.13	2.65
5950.0	4.56	2.95	2.34
6110.0	4.16	2.65	2.05
6290.0	3.52	2.19	1.64
6450.0	3.04	1.85	1.32
6630.0	2.30	1.45	1.03
6790.0	1.90	1.24	1.20
6970.0	1.58	1.03	1.39
7130.0	1.42	1.26	1.62
7310.0	1.67	1.64	1.93
7470.0	2.06	2.01	2.28
7650.0	2.60	2.38	2.55
7810.0	3.33	2.78	2.78
7990.0	3.68	3.02	2.80
8150.0	3.51	2.92	2.73
8330.0	2.87	2.50	2.53

IF (OUT) (MHz)	IF VSWR @LO=7000MHz (:1) @LO (dBm) +1	IF VSWR @LO=7000MHz (:1) @LO (dBm) +4	IF VSWR @LO=7000MHz (:1) @LO (dBm) +7
10.0	1.14	1.10	1.25
89.8	1.18	1.14	1.26
169.5	1.27	1.19	1.28
269.3	1.38	1.27	1.32
349.0	1.48	1.35	1.36
448.7	1.64	1.47	1.44
528.5	1.80	1.59	1.53
628.2	1.98	1.74	1.65
708.0	2.15	1.86	1.75
807.7	2.41	2.07	1.92
887.5	2.58	2.20	2.03
987.2	2.90	2.45	2.24
1067.0	3.15	2.64	2.39
1166.7	3.46	2.88	2.60
1246.5	3.66	3.05	2.74
1346.2	3.92	3.27	2.92
1425.9	4.04	3.38	3.04
1525.7	4.20	3.52	3.17
1605.4	4.37	3.67	3.31
1705.1	4.46	3.77	3.41
1784.9	4.55	3.84	3.48
1884.6	4.59	3.86	3.50
1964.4	4.66	3.92	3.53
2064.1	4.63	3.90	3.50
2143.9	4.64	3.90	3.51
2243.6	4.64	3.91	3.51
2323.4	4.55	3.82	3.43
2423.1	4.47	3.76	3.38
2502.9	4.39	3.68	3.31
2602.6	4.19	3.52	3.18
2682.3	4.02	3.38	3.08
2782.1	3.83	3.26	3.00
2861.8	3.62	3.12	2.90
2961.5	3.38	3.00	2.85
3041.3	3.42	3.08	2.97
3141.0	3.20	3.00	2.95
3220.8	3.12	3.00	2.99
3320.5	3.07	3.07	3.14
3400.3	3.14	3.25	3.42
3500.0	4.43	5.49	2.76

Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	+9	6	17	42	21	---	---	---	---	---
1	-	31	+0	45	13	39	55	46	---	---	---	---
2	89	56	61	61	56	54	62	>70	58	---	---	---
3	>90	>70	61	>70	64	>70	62	>70	>70	>70	---	---
4	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	---
5	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
6	---	---	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
7	---	---	---	>70	>70	>70	>70	>70	>70	>70	>70	>70
8	---	---	---	---	>70	>70	>70	>70	>70	>70	>70	>70
9	---	---	---	---	---	>70	>70	>70	>70	>70	>70	>70
10	---	---	---	---	---	---	>70	>70	>70	>70	>70	>70
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: **RF IN: 4700 MHz; -14.00 dBm.**
LO IN: 4730 MHz; +4.00 dBm
IF OUT: 30 MHz; -20.36 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	1	16	27	52	34	---	---	---	---	---
1	-	30	+0	47	13	42	54	51	---	---	---	---
2	72	44	51	47	47	44	56	72	50	---	---	---
3	75	49	40	64	42	63	42	59	>80	64	---	---
4	>90	>80	>80	65	77	64	68	60	73	>80	72	---
5	>90	>80	>80	>80	67	>80	71	>80	65	>80	>80	>80
6	---	---	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
7	---	---	---	>80	>80	>80	>80	>80	>80	>80	>80	>80
8	---	---	---	---	>80	>80	>80	>80	>80	>80	>80	>80
9	---	---	---	---	---	>80	>80	>80	>80	>80	>80	>80
10	---	---	---	---	---	---	>80	>80	>80	>80	>80	>80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: **RF IN: 4700 MHz; -4.00 dBm.**
LO IN: 4730 MHz; +4.00 dBm
IF OUT: 30 MHz; -10.36 dBm

Notes: 1. All Harmonics are in (dBc) relative to IF OUTPUT.
2. + entry denotes harmonics are in (dBc) above IF OUTPUT.
3. RF Cal represent the Harmonics level of the RF input signal to the mixer.